

1. (Amended) A method for treating a liquid effluent of pig slurry loaded with significant quantities of nitrogen and phosphorus, comprising the steps of:

a) adding a basic reagent to said liquid effluent of pig slurry containing significant quantities of nitrogen and phosphorus to obtain a pH in the range from 8.5 to 13; and

b) diffusing the basified liquid effluent derived from stage a) in a stream of air.

b1 2. (Amended) The method according to Claim 1, wherein the basic reagent added to stage a) is unslaked or slaked lime in the form of powder, paste or liquid.

3. (Amended) The method according to Claim 2, wherein a concentration of lime Ca(OH)_2 is a maximum of 1,000 g/litre of reagent.

4. (Amended) The method according to Claim 3, wherein the stage b) is repeated a number of times for the same basified effluent.

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5. (Amended) The method according to Claim 4, wherein the number of repetitions is in the range from 1 to 50.

6. (Amended) The method according to Claim 1, wherein at a start of stage b) an anti-foam catalyst is added, the quantity of which varies from 0 to 1 l/m³ of liquid effluent which is to be treated.

7. (Twice Amended) The method according to Claim 1, further comprising a stage c) of sifting the liquid effluent derived from stage b).

8. (Twice Amended) A device for treating a liquid effluent of pig slurry loaded with significant quantities of nitrogen and phosphorus by adding a basic reagent to said liquid effluent to obtain a pH in the range from 8.5 to 13 and diffusing the basified liquid effluent derived in a stream of air, the device comprising:

a mixing reactor for bringing the liquid effluent of pig slurry loaded with significant quantities of nitrogen and phosphorus into contact with the basic reagent, said mixing

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reactor provided with an intake for said effluent and another intake for the basic reagent;

an ammonia-extracting reactor connected to the mixing reactor; and

a tank for storing the treated liquid effluent derived from the ammonia-extracting reactor.

9. (Amended) The device according to Claim 8, wherein the mixing reactor includes a device for measuring the pH of the medium connected to a means situated on the intake for the basic reagent for regulating automatically the added quantity thereof.

10. (Amended) The device according to Claim 9, wherein the ammonia-extracting reactor or degassing reactor comprises a lower part collecting in particular the basified liquid effluent and an upper part in which there is situated a diffusion rack provided with nozzles, connected at the lower part to said reactor and including a feed pump, openings being arranged between the two parts to allow exterior air to enter, and an exhaust air fan being connected to said upper part.

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11. (Amended) The device according to Claim 10, wherein the diffusion rack includes nozzles of the cyclone type.

12. (Amended) The device according to Claim 10, wherein the upper part of the degassing reactor is connected to a moisture-reducing unit.

13. (Amended) The device according to Claim 12, further comprising a washing tower connected to the moisture-reducing unit allowing the ammonia to be collected or eliminated.
